COPY OF PAPERS **ORIGINALLY FILED**

Attorney Docket No.

PTO/SB/21 (08-00)

type a sign (+) inside sign box ™ + Approved for use through 10/31/02. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL **FORM**

(to be used for all correspondence after initial filing)

Total Number Of Pages in This Submission

Application Number 09/782,721 Filing Date February 12, 2001 First Named Inventor H. Michael SHEPARD 1653 **Group Art Unit** L. Crane **Examiner Name**

NB 2004.02

ENCLOSURES (check all that apply)											
×	Fee Transmittal For	m (in deplicate)			ent Papers oplication)			After Allowance Communication to Group			
	Fee Attached	d		Drawing(s	3)			Appeal Communication to Board of Appeals and Interferences			
×	Amendment / Reply			Licensing	-related Papers			Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)			
:	After Final			Petition				Proprietary Information			
	Affidavits/de	clarations			Convert to a al Application			Status Letter			
×	Extension of Time R	Request			Attorney, Revoc f Corresponden		×	Other Enclosure(s) (please identify below):			
Express Abandonment Request				Terminal Disclaimer Request for Refund				Attachments; Pages 1170-80 ORGANIC CHEMISTRY (1973) Morrison & Boyd, Eds. Allyn and Bacon, Inc., Boston, MA USA; pages 530-551 CHEMISTRY OF NUCLEOSIDES AND NUCLEOTIDES (1994) Townsend, L., Ed., Plenum Press, NY, NY, USA; Page 1001, THE AMERICAN			
×	Information Disclosure Statement w/ PTO 1449A & PTO 1449B			CD, Num	ber of CD(s)			HERITAGE COLLEGE DICTIONARY (1997) Houghton Mifflin Company, Boston, Mass. USA; U.S. Pat. No. 5,981,507, postcard receipt			
Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application				rks			·				
		Missing Parts R 1.52 or 1.53									
	SIGNATURE OF APPLICANT, ATTORNEY OR AGENT										
Firm Antoinette F. Konski McCutchen Doyle Br Three Embarcadero Individual Name San Francisco, CA S			enter, S	Suite 1800							
Signa	ture	/ Adamst		M	ubli						
Date		Ju Su	ne	3, 6	2002_						

CERTIFICATE OF MAILING

I hereby certify that this paper or fee is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: June 3, 2002.

Peggy Nichols

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Lipdoc the Research Red Store Act of 1996 as acco	caas ara required to r	U.S. Patent a	Indiana indiana indiana indiana	DEPARTMENT OF COMMERCE				
		Complete if Kn wn						
FEE TRANSMITTAL	Application Number	09/782,721						
FOR FY 2002		Filing Date February 12, 2001		RECEIV				
) Me M		First Named Inventor	H. Michael SHEPARD		FD			
11 2 E		Examiner Name	L. Crane	JUN 2 1 20	n2			
Patent fees are subject to annual revision.		Group Art Unit	1653	527	ľ			
TOTAL AMOUNT OF PAYMENT	(\$)640.00	Attorney Docket No.	NB 2004.02	TECH CENTER 160	0/2900			
METHOD OF PAYMENT		FEE CAL	CULATION (continu	ed)				
1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number Deposit Account Number	3. ADDITIONAL Large Entity Fee Fee Code (\$)		Fee Description	Fee Paid				
TOTAL AMOUNT OF PAYMENT METHOD OF PAYMENT 1. It The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account 50-1189	3. ADDITIONAL Large Entity Fee Fee	Examiner Name Group Art Unit Attorney Docket No. FEE CALC FEES Small Entity Fee Fee	L. Crane 1653 NB 2004.02 CULATION (continu	JUN 2 1 20 TECH CENTER 160 ed)	12			

1.					y authorized to ch	narge indicated	3. ADDI	3. ADDITIONAL FEES						
ı	fees and credit any overpayments to: Deposit Account Number 50-1189				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid				
İ	Deposit Account McCutchen Doyle Brown & Enersen LLP			105	130	205	65	Surcharge - late filing fee or oath						
											Surcharge - late provisional filing	-		
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17							127	50	227	25	fee or cover sheet			
Applicant claims small entity status. See 37 CFR 1.27							139	130	139	130	Non-English specification			
2. Payment Enclosed:							147	2,520	147	2,520	For filing a request for ex parte reexamination			
	Check	k 🗆	Credit C	ard 🛭	Money Order	□ Other	112	920°	112	920*	Requesting publication of SIR prior to Examiner action			
FEE CALCULATION							113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			
1. BASIC FILING FEE							115	110	215	55	Extension for reply within first month			
							116	400	216	200	Extension for reply within second month			
	Largo Foo Codo	Entity Foo (\$)	Small Foo Coda	Entity Foo (\$)	Foe Description	Foe	117	920	217	460	Extension for reply within third month	460.00		
		ν,	-	(0)		Paid	118	1,440	218	720	Extension for reply within fourth month			
	101	740	201	370	Utility filing fee		128	1,960	228	980	Extension for reply within fifth month			
	106	330	206	165	Design filing fee	<u> </u>	119	330	219	160	Notice of Appeal			
	107	510	207	255	Plant filing fee	—	120	330	220	160	Filing a brief in support of an appeal	——		
	108	740	208	370	Reissue filing fee		121	280	221	140	Request for oral hearing			
	114	160	214	80	Provisional filing	fee	138	1,510	138	1,510	Petition to institute a public use proceeding			
							140	110	240	55	Petition to revive - unavoidable			
				SU	BTOTAL (1)	3)	141	1,280	241	640	Petition to revive - unintentional			
2.	EXTR	A CLAIF	W FEES				142	1,280	242	640	Utility issue fee (or reissue)			
				Extra Claims	Foo from balow	Foo Paid	143	460	243	230	Design issue fee			
To	tal Claims	•	- 20°° =	•	×	= \$	144	620	244	310	Plant issue fee			
	lepondent ims	:	. 3** =	•	×	= \$	122	130	122	130	Petitions of the Commissioner			
	c ıltiple De _l	pendent				- \$	123	50	123	50	Petitions related to provisional applications			
							126	180	126	180	Submission of Information Disclosure Stmt	180.00		
	Large Fee Code	Entity Fee (\$)	Smail Fee Code	Entity Fee (\$)	Fee Description		581	40	581	40	Recording each patent assignment per properties (times number of properties)			
	103	18	203	9	Claims in excess	of 20	146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))			
	102	84	202	42	Independent clain	ns in excess of 3	149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))			
	104 280 204 140 Multiple dependent claims, if not paid		179	740	279	370	Request for Continued Examination (RCE)							
	109	84	209	42	original patent	ndent claims over	169	900	169	900	Request for expedited examination of a design application			
**Reissue claims in excess of 20 and over original patent														
					Other fee	(specify)								
SUBTOTAL (2) (\$)														
**	or number previously paid, if greater; For reissues, see above.					*Reduced	by Basic Fi	ling Fee Pa	id	SUBTOTAL (3) (\$	640.00			

SUBMITTED BY Complete (if applicable)								
Name (Print/Type)	Antoinette F/Konski	Registration No. (Attorney/Agent)	34,202	Telephone	(650) 849-4950			
Signature	/ MANAGE	Muski		Date	June 3, 2002			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.